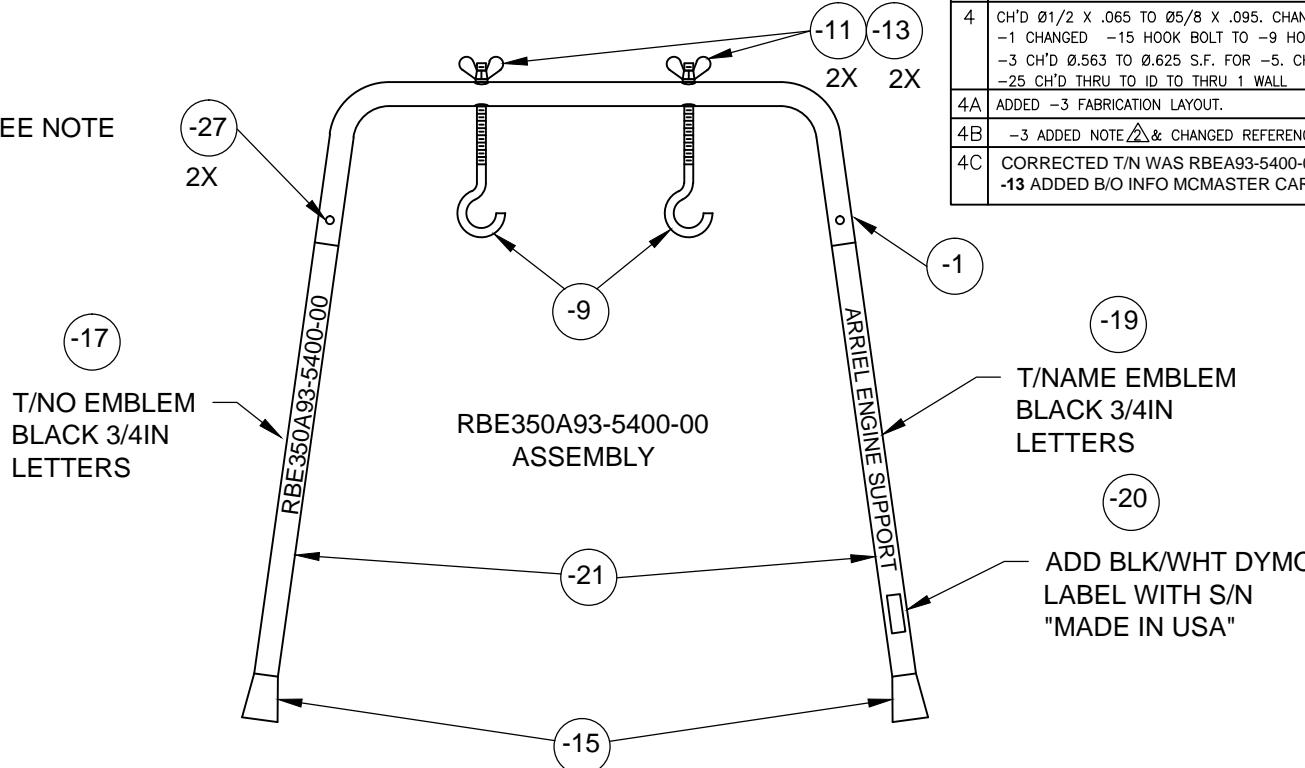


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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILABILITY.	2/13/09	WP RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG
4	CH'D Ø1/2 X .065 TO Ø5/8 X .095. CHANGED SOURCE FOR -9 FROM STANLY TO GRAINGER -1 CHANGED -15 HOOK BOLT TO -9 HOOK BOLT. ADDED 1.00 DIM FOR BUSHING -3 CH'D Ø.563 TO Ø.625 S.F. FOR -5. CH'D THRU TO ID TO THRU 1 WALL. -25 CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG
4A	ADDED -3 FABRICATION LAYOUT.	10/22/12	RJC SE
4B	-3 ADDED NOTE  & CHANGED REFERENCE DIMENSION CALLOUTS (21.50) FROM 21.50 REF	1/3/13	BIM SE
4C	CORRECTED T/N WAS RBEA93-5400-00 IS RBE350A93-5400-00. -5 ADDED DWG. -13 ADDED B/O INFO MCMASTER CARR # 90866A140.	5/23/14	DJN RJC

SEE NOTE



ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	WELDMENT		USE -3 & -5	2
	1		-3		TUBE FRAME	DOM	Ø1 x .120 WALL x 30-1/2 (ADD EXTRA FOR BENDING & CUT LENGTH)	3
	2		-5		BUSHING	DOM	Ø5/8 x .095 WALL x 1	7
1		B/O	-7		WASHER	PLAIN	Ø3/8 I.D. x Ø13/16 O.D. MCMASTER-CARR #91083A031	4
		B/O	-9	2	HOOK BOLT	PLATED	3/8-16 UNC x 7-1/4 LONG GRAINGER #4PB84	1
		B/O	-11	2	WASHER	PLATED	Ø3/8 I.D. x Ø.734 O.D. MCMASTER CARR #94744A265	1
		B/O	-13	2	WING NUT	PLATED	3/8-16 UNC MCMASTER CARR #90866A140	1
		B/O	-15	2	FEET	BLACK RUBBER	Ø1 x 1-9/16 HEIGHT MCMASTER-CARR #2517T75 BLACK	1
		B/O	-17	1	EMBLEM, TOOL No.	PLASTIC	SIGNS NOW 3/4" LETTERS	1
		B/O	-19	1	EMBLEM, ARRIEL ENGINE SUPPORT	PLASTIC	SIGNS NOW 3/4" LETTERS	1
		B/O	-20	1	DYMO LABEL	VINYL		1
			-21	2	WELDMENT			4
1			-23		LEG	DOM	Ø1.00 X .120 WALL X 20-1/4	5
1			-25		INSERT	DOM	Ø3/4 X .095 WALL X 4-1/4	6
ASSY -21	ASSY -1	B/O	-27	2	QUICK-RELEASE BUTTON	S.S.	Ø9/16 MCMASTER-CARR #92988A670	1

NOTES:

1. INSERT -27 INTO THE INNER TUBE OF -21.
2. REF. EUROCOPTER T/N: 350A93-5400-00.

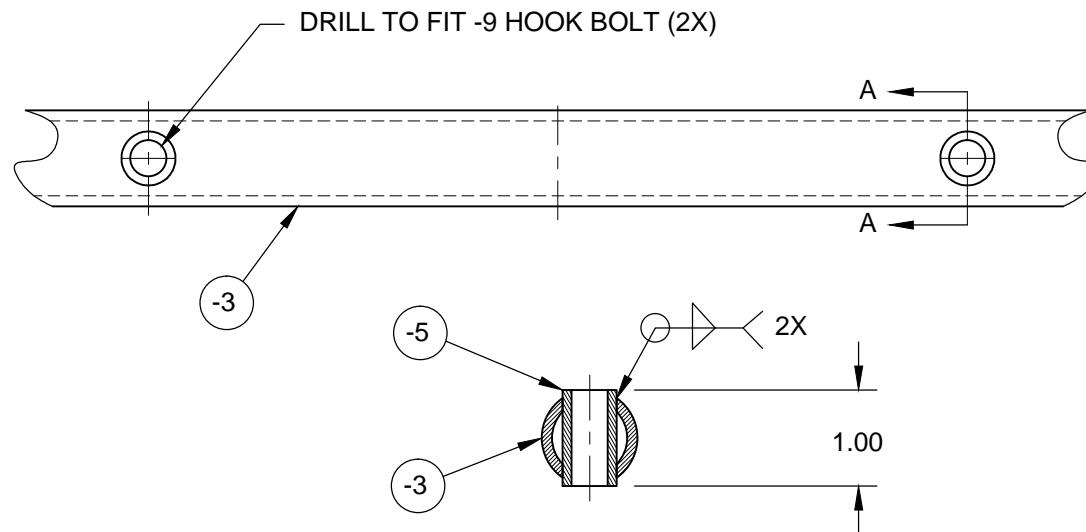
 RED BARN MACHINE

TITLE ARRIEL ENGINE SUPPORT

DWG NO.	REV
RBE350A93-5400-00	4C
UNLESS OTHERWISE SPECIFIED	DRAWN BY: PERRITT
DIMENSIONS ARE IN INCHES	APPROVED 
TOLERANCES ON:	FINISH
DECIMALS	SPEC
XXX \pm .005	
XX \pm .01	
X \pm .1	
FRACTIONS \pm 1/32	
ANGLES \pm 5°	
UNLESS OTHERWISE SPECIFIED	USED ON MODEL
1. BREAK ALL SHARP EDGES	
.015 x 45° PR.015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
	EUROCOPTER AS350A
SCALE 1:8	DATE 11-20-08
SHEET 1 of 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED
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2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILABILITY.	2/13/09	WP RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG
4	CHANGED -15 HOOK BOLT TO -9 HOOK BOLT. ADDED 1.00 DIM FOR BUSHING	5/4/12	JAG



SECTION A-A

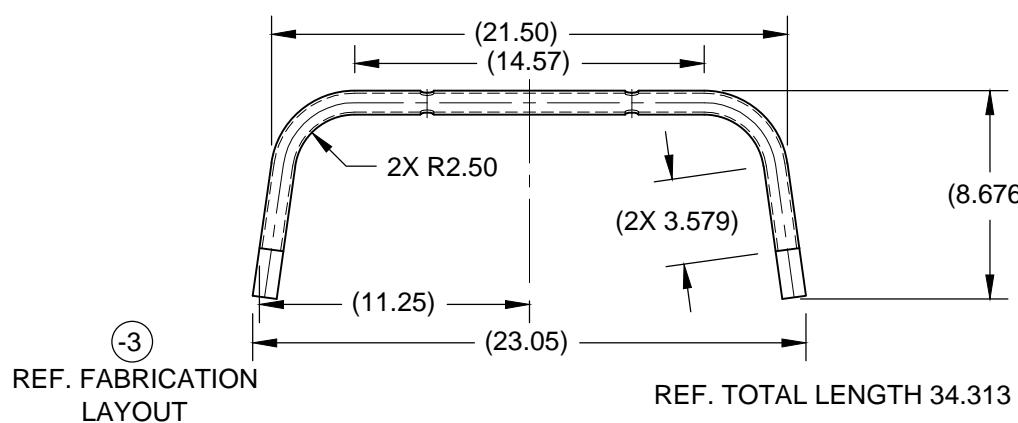
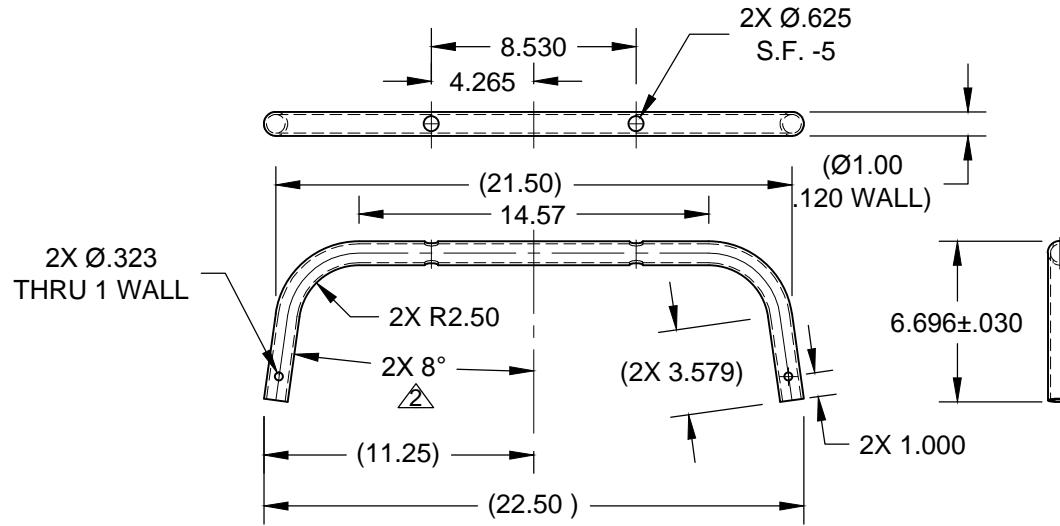
-1

WELDMENT

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-1	
REV 4C	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS .XXX \pm .005 FRACTIONS \pm 1/32	
XX \pm .01 ANGLES \pm 5°	
X \pm .1	
APPROVED <i>D. Weil</i>	
FINISH POWDER COAT YELLOW;	
SPEC FED #13538	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	11-20-08
SHEET	2 of 7

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REV	DESCRIPTION	REVISIONS	
		DATE	INITIAL APPROVED
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2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILABILITY.	2/13/09	WP RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG -
4	CH'D 0.563 TO 0.625 S.F. FOR -5. CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG -
4A	ADDED -3 FABRICATION LAYOUT.	10/22/12	RJC SE
4B	ADDED NOTE \triangle & CH'D REF DIM CALLOUTS (21.50) FROM 21.50 REF, ADDED LIMITS TO 6.696 DIM(+/- .030).	1/3/13	BIM SE



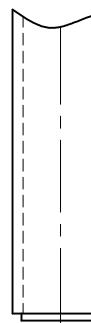
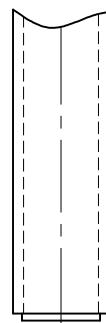
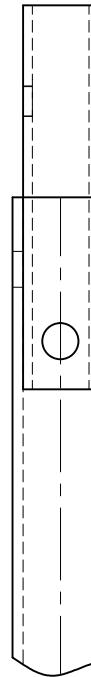
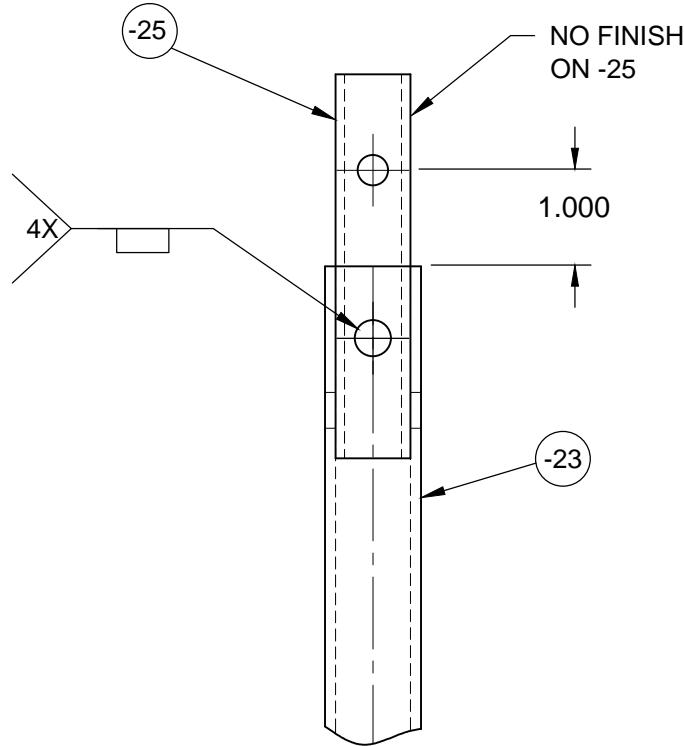
NOTES:

1. REF. FINISH LENGTH 30.316
- \triangle USE ANGLE TEMPLATE TO VERIFY PROPER 8° ANGLE

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RB350EA93-5400-00-3 REV 4C	
UNLESS OTHERWISE SPECIFIED DRAWN BY: PERRITT	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 APPROVED \triangle D. Weil	
XX ± .01 FINISH SEE-1 WELDMENT	
X ± .1 SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING USED ON MODEL	
EUROCOPTER AS350A	
SCALE 1:8	DATE 11-20-08 SHEET 3 of 7

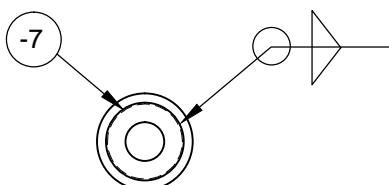
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REVISIONS			
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3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG

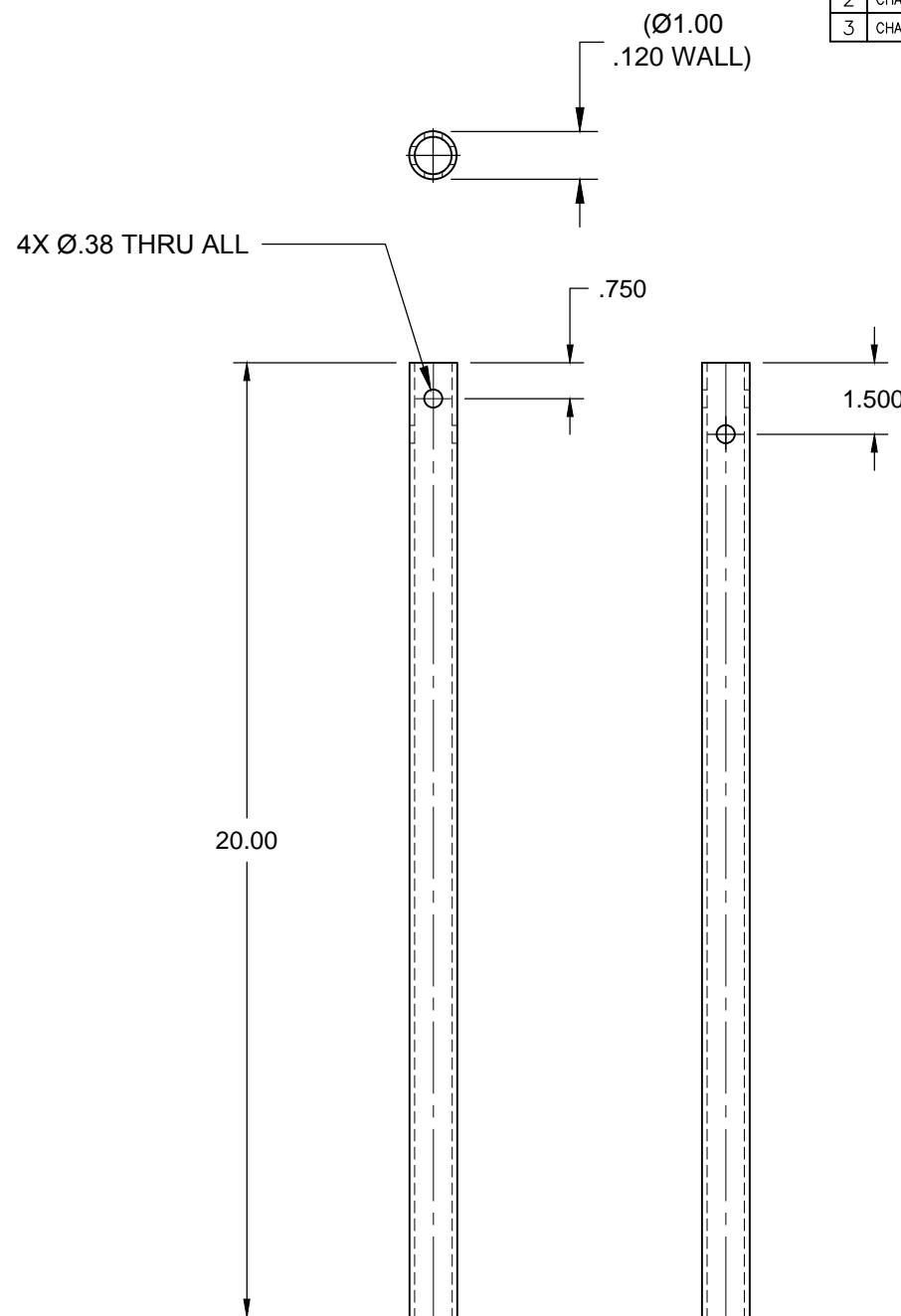


WELDMENT

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-21 REV 4C	
UNLESS OTHERWISE SPECIFIED DRAWN BY: PERRITT	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON: APPROVED D. Weil	
DECIMALS XXX \pm .005 FINISH POWDER COAT YELLOW;	
XX \pm .01 SPEC FED #13538	
X \pm .1 ANGLES \pm 5°	
UNLESS OTHERWISE SPECIFIED USED ON MODEL	
1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2 DATE 11-20-08 SHEET 4 of 7	
EUROCOPTER AS350A	



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REV	DESCRIPTION	REVISIONS	
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2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILABILITY.	2/13/09	WP RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG

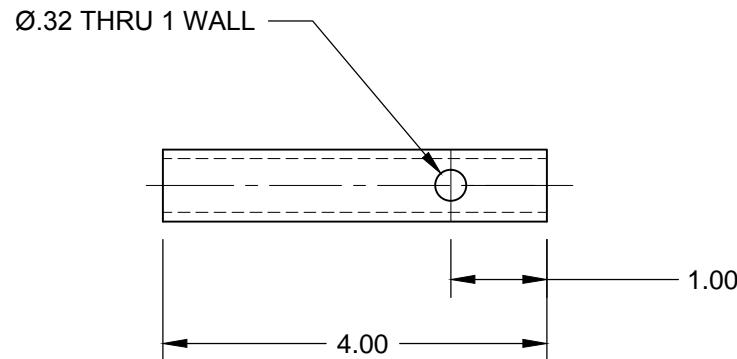
-23

LEG

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-23	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX \pm .005 FRACTIONS \pm 1/32 XX \pm .01 ANGLES \pm 5° X \pm .1	
APPROVED <i>D. Weil</i>	
FINISH SEE -21 WELDMENT	
SPEC	
USED ON MODEL	
EUROCOPTER AS350A	
SCALE 1:4	DATE 11-20-08
SHEET 5 of 7	

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3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG
4	CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG



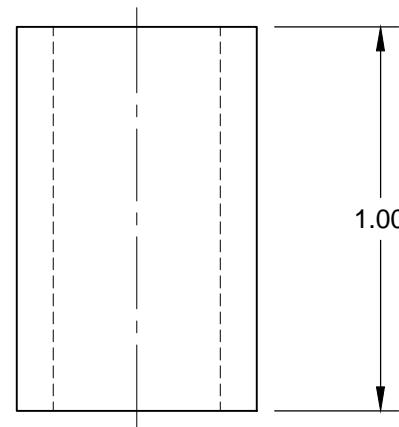
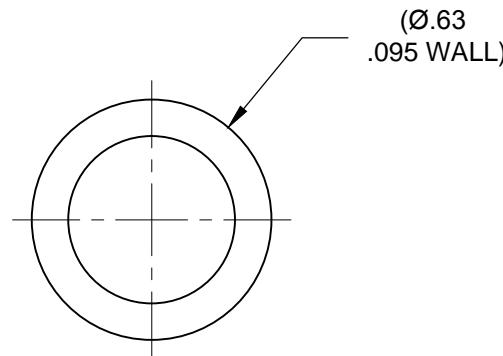
-25

INSERT

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-25 REV 4C	
UNLESS OTHERWISE SPECIFIED DRAWN BY:	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON: APPROVED <i>D. Weil</i>	
DECIMALS FINISH SEE-21 WELDMENT	
.XXX ± .005 FRACTIONS ± 1/32	
XX ± .01 ANGLES ± 5°	
X ± .1	
SPEC	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	11-20-08
SHEET	6 of 7

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
4C		-5 DRAWING ADDED		5/23/14	DJN	RJC



-5
BUSHING

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-5 REV 4C	
UNLESS OTHERWISE SPECIFIED DRAWN BY:	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON: APPROVED <i>D. Weil</i>	
DECIMALS FINISH SEE-1 WELDMENT	
.XXX ± .005 FRACTIONS ± 1/32	
XX ± .01 ANGLES ± .5°	
X ± .1	
SPEC	
UNLESS OTHERWISE SPECIFIED	
1. BREAK ALL SHARP EDGES	
.015 x 45° PR. .015 R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	2:1
DATE	11-20-08
SHEET	7 of 7